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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

McCORMACK, Michael et al.

Group Art Unit: 2858

Asopln. No.:

09/890,126

Filed:

February 20, 2002

For:

ELECTRICAL ENERGY METER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Honorable Commissioner:

Enclosed are copies of the following reference documents.

Patent No.	Inventor(s)/Patentee
3,626,291	Yauch et al.
4,709,205	Baurand et al.
5,057,769	Edwards
5,426,360	Maraio et al.
JP 7333248	Kagami Suetsugi
EP 0 689 057 A2	Eaton Corporation
EP 0 338 542 A1	Matsushita Electric Industrial Co., Ltd.
DE 197 12 239 C1	Siemens AG

- U.S. Patent No. 3,626,291 to Yauch et al. discloses a device for measuring direct current flowing through a conductor.
- U.S. Patent No. 4,709,205 to Baurand et al. discloses a current sensor using coils connected in series so as to surround the electrical conductor.
- U.S. Patent No. 5,057,769 to Edwards discloses a sensor for detecting alternating current having a main coil with a fixed gap and compensating coils located in such fixed gap.

U.S. Patent No. 5,426,360 to Maraio et al. discloses a device for monitoring voltage and current on a power line by piercing the power line insulation to determine voltage and using a split core current transformer to determine current.

Japanese Patent No. JP 7333248 to Kagami Suetsugi discloses an ammeter having magnetic coils for measuring induced current and additional coils for compensation.

European Patent Application No. EP 0 689 057 A2 by Eaton Corporation discloses an apparatus for monitoring power consumed along conductors in an AC power distribution system.

European Patent Application No. EP 0 338 542 A1 by Matsushita Electric Industrial Co., Ltd. discloses a current and voltage detecting apparatus having optical type current and voltage sensors.

German Patent No. DE 197 12 239 C1 to Siemens AG discloses a housing for enclosing an electric appliance, such as a power consumption meter.

All of the above-described references are submitted herewith along with form PTO-1449 for the convenience of the Examiner. As stated in 37 C.F.R. §1.97, the filing of this Information Disclosure Statement shall not be construed as an admission that the information submitted herewith is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Consideration of the foregoing and the making of the references formally of record in the instant application are respectfully requested.

Data

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PTO-1449

Application Number 09/890,126 Filing Date 01/28/2000 First Named Inventor McCormack Group Art Unit Examiner Name 09992/00001 Attorney Docket Number

of 1 Sheet

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U.S. PATENT DOCUMENTS						
aminer Initials	Cite No.	U.S. Patent Document Nur	nber	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind ((if kno				
		3,626,291		Yauch et al.	12-07-1971	See attached
		4,709,205		Baurand et al.	11-24-1987	
		5,057,769		Edwards	10-15-1991	
		5,426,360		Maraio et al.	06-20-1995	

1	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office Number Kind Code (if known)						
		JP	7333248		Kagami Suetsugi	12-22-1995	Figs. 1 – 4	
		EP	0 689 057	A2	Eaton Corporation	12-27-1995	Figs. 2 – 4, 7	
		EP	0 338 542	A1	Matsushita Electric Industrial Co., Ltd.	10-25-1989	Figs. 1, 4	
		DE	197 12 239	C1	Siemens AG	08-27-1998	Figs. 1 – 6	

Examiner	Date	
Signature	Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.